

ABSTRACT

The invention relates to a noise suppressor unit (1) for installing and mounting a common mode choke for a noise suppressor onto a circuit board (3). The noise suppressor unit (1) comprises a circuit board holder (7), onto which the toroid (4) is positioned, the toroid being coiled with at least two coils (5), the circuit board holder (7) comprising connecting plates (8), wherein one coil end (6) at the most is or more coil ends (6) are connected to each connecting plate (8) and wherein the connecting plates (8) are intended to be surface mounted to mounting surface areas in the circuit board (3), and wherein the connecting plates (8) are electrically insulated from each other, and lifting means (9) for an assembly head or the like of an automatic assembly machine for placing the noise suppressor unit (1) onto the circuit board (3) by the automatic assembly machine.

(Figure 2)